Weekly Metrics for September 14 - 20, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.7	A, Y
		Archive	GES DAAC	0.9	1x Baseline	0.7	A, Y
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	32	W
		Archive	NSIDC	41	1x Baseline	32	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	73	Y
		L1 Prod	GES DAAC	807	Various	188	U, Y
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	38	U, Y
		Archive	GES DAAC	1,012	Various	300	U, Y
		Distribution	GES DAAC				
		Production				100	Y
		End users		471	Various	96	G, Y
		Data Pool				92	V, Y
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	7	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	88	C
		Archive	NSIDC	67	Baseline	102	C
		Distribution	NSIDC				
		Production				6	
		End Users		35	1.015x Baseline	60	G
		Data Pool				20	V
	CERES	Archive	ASDC	169	Various	Included	
		Distribution	ASDC			In	See
		Testing/QA		1,421	IT Requirements	Terra	Footnote S
		End Users		109	1.015x Baseline	CERES	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	270	Y
		L1 Prod	GES DAAC	5,047	Various	1,086	M, Y
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,475	M, R, Y
		Archive	LP DAAC	3,516	Various	2,268	M, R, Y
			GES DAAC	8,015	Various	2,486	M, R, Y
			NSIDC	426	Various	100	M, R, Y
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	10	G
		Data Pool				0	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	0	Y
		To MODAPS/LaRC				1,228	Y
		End Users		4,157	1.015x Baseline	62	G, Y
		Data Pool				2	V, Y
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0.5	G
		Data Pool				0	V
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	1.6	N, Y
		Distribution	ASDC				
		Production				1.6	Y
		End Users		0.02	1.015x Baseline	0	Y
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	511	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	93	E
		L1B Archive	LP DAAC	271	1.015x Baseline	820	E

		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	164	E
		Archive	LP DAAC	2,173	Various	1,496	E
		Distribution	LP DAAC				
		Production				845	
		End Users		1,221	1.015x Baseline	137	G, O, P
		Data Pool				0.2	V
	CERES	Archive	ASDC	357	Various	166	S, Y
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements	6	
		End Users		119	1.015x Baseline	346	G, O, Y
	MISR	L0 Ingest	ASDC	249	1x Baseline	118	Y
		L1 Prod	ASDC	3,359	Various	200	F, Y
		L2-L3 Prod	ASDC	285	3.045x Baseline	47	F, Y
		Archive	ASDC	3,894	Various	366	F, Y
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	18	Y
		Production				277	Y
		End Users		1,215	1.015x Baseline	356	G, O, Y
		Data Pool				8	V, Y
Terra	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	282	Y
(12/99)		L1 Prod	GES DAAC	7,570	Various	1,236	Y
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	12,656	Y
		Archive	LP DAAC	7,034	Various (L2-L4)	11,009	
			GES DAAC	12,990	Various (L0-L4)	2,730	I
			NSIDC	853	Various (L2-L3)	437	I, Q
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	1	
		End Users		2,345	1.015x Baseline	1,447	G, O
		Data Pool				2	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	26	G, Y
		To MODAPS/LaRC				3,822	Y
		End users		4,157	1.015x Baseline	1,040	Y
		Data Pool				62	V, Y
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	138	G, O
		Data Pool				1	V
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	1	Y
		L1 Prod	SIPS	2	Various	0	Y
		L2 Prod	SIPS	2	3.045x Baseline	0	Y
		Archive	ASDC	6	Various	0	Y
		Distribution	ASDC				
		Production				2	Y
		End Users		1	1.015x Baseline	31	G, O, Y
		Data Pool				0	V, Y
Landsat-7	ETM+	Archive	LP DAAC	1,092	250 Scenes	1,054	X
(4/99)		Distribution	LP DAAC	58	ECS ICD	172	
ADEOS-II	SeaWinds	Archive (L0+)	PO DAAC			39	
(12/02)		Distribution	PO DAAC			433	
Jason-1	Poseidon 2	Archive (L0+)	PO DAAC			38	
(12/01)		Distribution	PO DAAC	NA	NA	31	K
QuikScat	SeaWinds	Archive (L0+)	PO DAAC			43	
(6/99)		Distribution	PO DAAC	109	Weekly Average	640	K
TOPEX	Poseidon	Archive (L1+)	PO DAAC			0	
(8/92)		Distribution	PO DAAC	24	Weekly Average	47	K
Other	AVHRR	Archive (L2+)	PO DAAC			2	
Missions		Distribution	PO DAAC	NA	NA	509	L

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
C. Production of L2 and L3 products resumed on September 3.
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
F. Limited reprocessing has been done this week.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
J. Has not received any L1 or L2 products from MOPITT SIPS.
K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
L. Includes distribution of educational materials, in addition to AVHRR SST products.
M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
N. Includes L0 data for 126 days (5/7 – 8/31/02 and 7/31 – 8/11/03).
O. Does not include distribution by data pool.
P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
U. Includes the reprocessed data for 2 days (January 30 - 31, 2003).
V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
W. Laser #1 was shut down on March 19 and only engineering data have been collected. The replacement laser was planned to be turned during the week of September 17, but the plan to turn on the sensor was delayed due to a concern about power level on spacecraft.
X. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The data collected are archived, but are not available for processing or data ordering.
Y. Metrics for GES (GSFC) and ASDC (LaRC) DAACs are affected by power outage and system shutdown due to Hurricane Isabel.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.